dication No.: 10/595,245 Atty. Docket No.: P33779US

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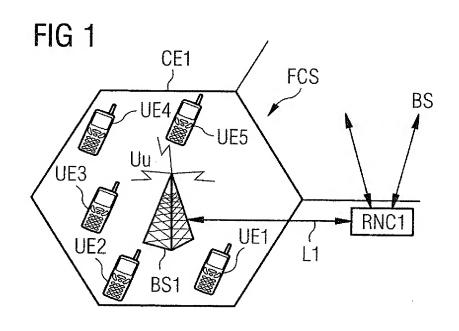


FIG 2 C-Plane U-Plane C-Plane U-Plane RB RB RB RB RRC RRC PDCP ВМС PDCP **BMC** SRB SRB RLC **RLC** Log MAC MAC Transp Phys. Phys. Phys. Phys UE BS **RNC**

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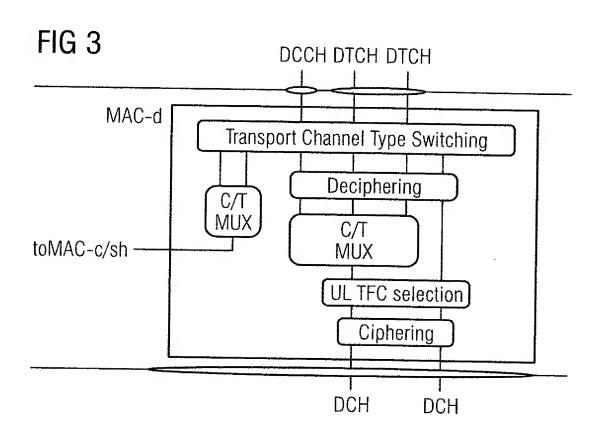
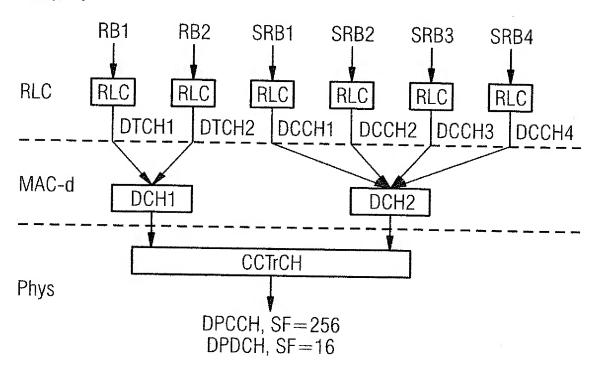


FIG 4



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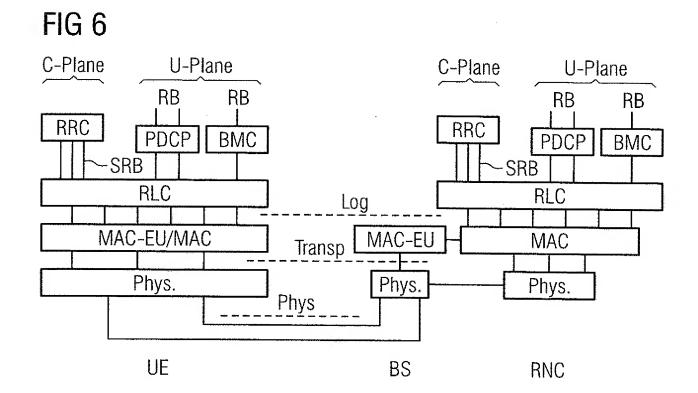
DCH1 DCH2

TB3
TB2
TF1
TF1
TF1
TF1

TFC8

DPDCH

DPDCH



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FIG 7A

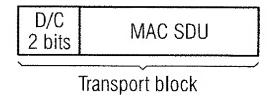
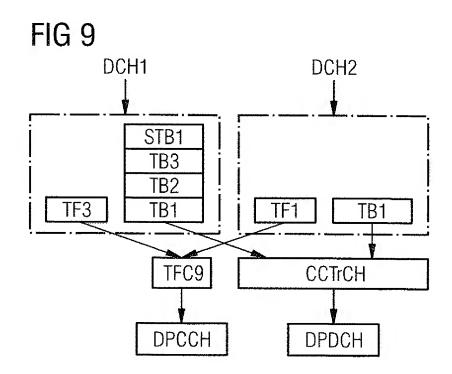


FIG 7B

D/C 2 bits	D/T 4 bits	MAC SDU
	Tran	sport block

FIG 8

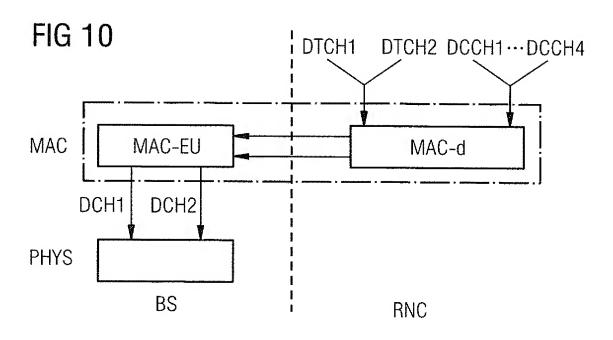
1	F .			MP1 m ₁ bit	~		MT 3 bits	MPn m _n bit	Flag-n 1 bit	Pad	
---	-----	--	--	---------------------------	---	--	--------------	---------------------------	-----------------	-----	--

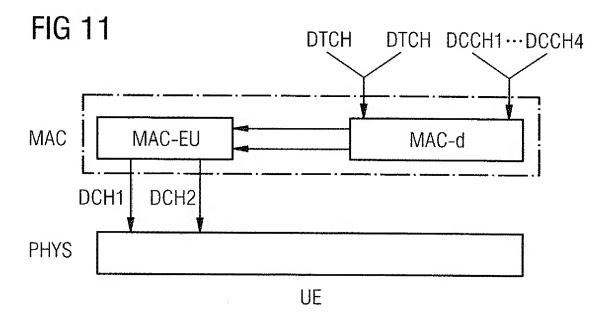


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REPLACEMENT SHEET

FIG 12

Table 1

RRC	Signaling Radio Bearer	SRB1	SRB2	SRB3	SRB4		
	Log. channel type	DCCH	DCCH	DCCH	DCCH		
	RLC mode	UM	AM	AM	AM		
RLC	Packet size	136 bits	128 bits	128 bits	128 bits		
	Priority of logical channel	1	2	3	4		
MAC	Multiplexing	Mulitplexing of 4 log. channels					
	Transport channel type		D	CH			
	Transport block size		148	bits			
Phys.	Transport format Phys. set (TFS)		TF0=0x148 bits TF1=1x148 bits				
layer	TTI	40 ms					
	Coding type	Rate 1/3 convolutional coding					
	CRC length		16 bits				

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REPLACEMENT SHEET

FIG 13

Table 2

RRC	Radio Bearer	RB1	RB2	
	Log. channel type	DTCH	DTCH	
	RLC mode	AM	AM	
RLC	Packet size	320 bits	320 bits	
	Priority of logical channel	1	1	
MAC	Multiplexing	Mulitplexing of 2 log. channels		
	Transport channel type	DCH		
	Transport block size	340 bits		
Phys	Transport format set (TFS)	TF0 = 0x340 bits $TF1 = 1x340 bits$ $TF2 = 2x340 bits$ $TF3 = 3x340 bits$ $TF4 = 4x340 bits$		
	TTI	20 ms		
	Coding type	Rate 1/3 turbo coding		
	CRC length	16 bits		

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FIG 14

Table 3

TFCS SIZE	10
TFC0	(TF0, TF0)
TFC1	(TF1, TF0)
TFC2	(TF2, TF0)
TFC3	(TF3, TF0)
TFC4	(TF4, TF0)
TFC5	(TF0, TF1)
TFC6	(TF1, TF1)
TFC7	(TF2, TF1)
TFC8	(TF3, TF1)
TFC9	(TF4, TF1)

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REPLACEMENT SHEET

FIG 15

Table 4

RRC	Radio Bearer	RB1	RB2		
	Log. channel type	DTCH	DTCH		
	RLC mode	AM	AM		
RLC	Packet size	160 bits	160 bits		
	Priority of logical channel	1	1		
MAC	Multiplexing	Mulitplexing of 2 log. channels			
	Transport channel type	DCH			
	Transport block size	182 bits			
Phys	Transport format set (TFS)	TF0 = 0x182 bits TF1 = 1x182 bits TF2 = 2x182 bits TF3 = 4x182 bits TF4 = 6x182 bits TF5 = 8x182 bits			
	ΠΙ	20 ms			
	Coding type	Rate 1/3 turbo coding			
	CRC length	16 bits			

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FIG 16

Table 5

TFCS SIZE	12	
TFC0	(TF0, TF0)	
TFC1	(TF1, TF0)	
TFC2	(TF2, TF0)	
TFC3	(TF3, TF0)	
TFC4	(TF4, TF0)	
TFC5	(TF5, TF0)	
TFC6	(TF0, TF1)	
TFC7	(TF1, TF1)	
TFC8	(TF2, TF1)	
TFC9	(TF3, TF1)	
TFC10	(TF4, TF1)	
TFC11	(TF5, TF1)	